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Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

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“Step Out From the Old to the New”

IS 10749 (1983): Swivel Head Nut for Screw Type Mounts in
Pusher Legs [PGD 8: Pneumatic Tools]

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“Knowledge is such a treasure which cannot be stolen”



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Indian Standard



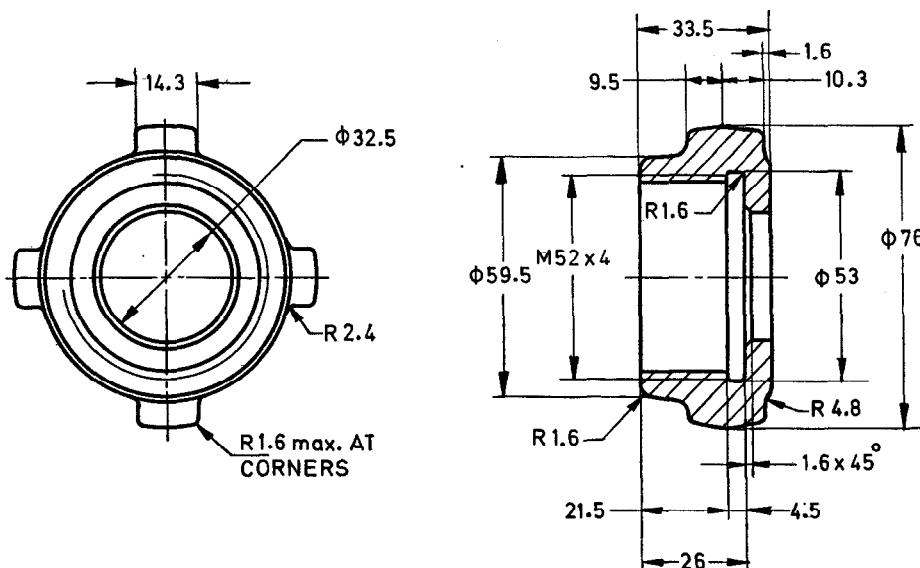
SPECIFICATION FOR SWIVEL HEAD NUT FOR SCREW TYPE MOUNTS IN PUSHER LEGS

1. Scope — Covers the dimensions and other requirements for swivel head nut used with screw type mount in pusher legs conforming to IS : 9419-1980 'Specification for pusher legs'.

2. Dimensions

2.1 The dimensions for swivel head nut shall be as shown in Fig. 1.

2.2 The thread dimensions shall be according to IS : 4218 (Part 1 to 6)-1976 'ISO metric screw threads', and the screw threads of the nut shall have 6H tolerance class.



All dimensions in millimetres.

FIG. 1 DIMENSIONS FOR SWIVEL HEAD NUT

3. Material — Shall be of designation 35 Mn2Mo28 according to Schedule IV of IS : 1570-1961 'Schedules for wrought steels for general engineering purpose', or alternatively it shall be manufactured from designation 20C8 or 40C8 according to IS : 1570 (Part 2)-1979 Schedule for wrought steels : Part 2 Carbon steels (unalloyed steels) (*first revision*).

4. Workmanship — The nuts shall be free from burrs, cracks seams or other manufacturing defects.

5. Designation — A swivel head nut conforming to the requirements of this standard shall be designated as :

Swivel Head Nut M52 IS : 10749

6. Packing — Nuts shall be greased and suitably packed, so as to avoid damage during transit.

7. Marking — Nuts shall be stamped with manufacturer's name, initials or trade-mark and thread size.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

E X P L A N A T O R Y N O T E

This type of swivel head nut is used with screw type mount 'A' in pusher legs conforming to IS : 9419-1980 as a mounting attachment for the rock drills with pusher legs.

This specification has been prepared, based on the details supplied by the leading manufacturers of this product.